

ABSTRACT OF THE DISCLOSURE

The fertilizer based on elemental sulfur comprises elemental sulfur, at least one binder suitable to break down in the soil and selected from the group consisting of clays, bentonite, kaolins or the like or mixtures thereof, and at least one glassy-matrix preparation that contains at least one trace element selected from the group consisting of Fe, B, Zn, Cu, Co, Mn, Mo.